

Contents Volume 102, 1996

Preface	1
Seismic stratigraphy of Late Quaternary glacial to marine sediments offshore Bornholm, southern Baltic Sea L. Perini, T. Missiaen, G.G. Ori and M. de Batist	3
A seismostratigraphic analysis of Lower Cretaceous deposits in the northern part of the West Siberian Basin N.Ya. Kunin and I.E. Segalovich	23
Sequence stratigraphy and cyclic development of Basal Zechstein carbonate–evaporite deposits with emphasis on Zechstein 2 off-platform carbonates (Upper Permian, Northeast Germany) C. Strohmenger, E. Voigt and J. Zimdars	33
Sedimentology and palynofacies of the Zechstein 2 Carbonate (Upper Permian, Northwest Germany): implications for sequence stratigraphic subdivision C. Strohmenger and C. Strauss	55
Sedimentologic, palaeoecologic, taphonomic and ichnologic criteria for high-resolution sequence analysis: a practical guide for the identification and interpretation of discontinuities in shelf deposits H. Krawinkel and H. Seyfried	79
Response of shallow-marine carbonate facies to third-order and high-frequency sea-level fluctuations: Hauptrogen- stein Formation, northern Switzerland R. Gonzalez	111
Bedding rhythms and cyclic sequences as documented in organic carbon–carbonate patterns, Upper Cretaceous, Western Interior, U.S. W. Ricken	131
Formation of high-frequency sequences and their bounding surfaces: case study of the Eocene Yegua Formation, Texas Gulf Coast, USA L.D. Meckel III and W.E. Galloway	155
Uncertainties in the stratigraphic analysis of fluvial deposits from the Loranca Basin, central Spain R. Daams, M. Díaz-Molina and R. Mas	187
<i>ExpresSed</i>	
Penecontemporaneous oil-seep in the Wealden (early Cretaceous) at Mupe Bay, Dorset, U.K. W.A. Wimbledon, P. Allen and A.J. Fleet	213
The Harricana glaciofluvial complex, Abitibi region, Quebec: its genesis and implications for meltwater regime and ice-sheet dynamics T.A. Brennand and J. Shaw	221
Microbial sand chips—a non-actualistic sedimentary structure F. Pflüger and P.G. Gresse	263
Genetically related alluvial deposits across active fault zones: an example of alluvial fan–terrace correlation from the upper Quaternary of the southern Po Basin, Italy A. Amorosi, M. Farina, P. Severi, D. Preti, L. Caporale and G. Di Dio	275
Grain-size distributions of sediment carried by single transportation modes in an experimental microdelta system N. Endo, F. Masuda and M. Yokokawa	297

Book Reviews

- Coastal Evolution — Late Quaternary Shoreline Morphodynamics*, by R.W.G. Carter and C.D. Woodroffe (Editors)
— L.D. Wright. 305
- Global Geological Record of Lake Basins, Vol. 1*, by E. Gierlowski-Kordesch and K. Kelts (Editors) — W.M. Last . . 306